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<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/653,118	AMBUEHL ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Hung Q. Dang	2635	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--  
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/8/2005.
2. ☒ The allowed claim(s) is/are 1-10, 17-21, 23-25 and 28-38.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
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### **DETAILED ACTION**

1. This communication is in response to application's amendment received on 7/8/2005. The canceled claims 11-16, 22, 26-27; the amended claims 23, 25, 28, 30; and the added claims 34-38 have been entered.

**Note:** Examiner agrees with applicant that in the last office action, there was a typographical error with respect to claims noted and that claim 1-16 instead of claims 12-16 together with claims 22 and 26-27 should be withdrawn from consideration.

### ***Response to Arguments***

2. Applicant's arguments with respect to claims 23, 25, 28 and 30 have been fully considered and are persuasive. The rejections of 23, 25, 28 and 30 have been withdrawn.

### ***Allowable Subject Matter***

3. Claims 1-10, 17-21, 23-25 and 28-38 are allowed.

**Regarding claim 1**, the prior arts of record fail to teach or disclose a communication apparatus for processing digital information in transmission received from cordless device as claimed in claim 1, which includes an edge detection mechanism coupled to the input for detecting state transitions included in the digital communication packet; a timer having a first value that is read in response to edge detection mechanism detecting a first state transition, and a second value that is read in response to the edge detection mechanism detecting a second state transition; and a data report engine operatively coupled to the central processing unit, the data report

engine configured to communicate the formatted input capture data to a host system having no active driver corresponding to the first cordless device.

**Regarding claims 23, 25 and 28**, the prior arts of record fail to teach or disclose a method for processing digital information included in transmission between cordless devices and a pre-existing host system as claimed in claim 23, which further comprises communicating the formatted input capture data to the pre-existing host system, the pre-existing host system without an active device driver corresponding to the first cordless device and without modifications to hardware of the pre-existing host system corresponding to the first cordless device.

**Regarding claims 24 and 29**, the prior arts of record fail to teach or disclose a method for communicating status information from a cordless device to a corresponding driver running on a host system, the method comprises receiving a standard data report that indicates that status reporting is enabled and status data is available to be collected for the cordless device; and retrieving asynchronously the status data, the status data including at least one of an identity of the cordless device, a battery status of the cordless device, a profile of the cordless device, and a profile code of the cordless device.

**Regarding claims 30 and 34**, the prior arts of record fail to teach or disclose a computer program product, stored on a computer readable medium, for processing digital information included in a transmission from a cordless device as claimed in claim 30, which further comprises communicating the first type of data to its correct destination included in a first pre-existing host system, the first pre-existing host system

without an active driver corresponding to the cordless device and without modifications to hardware of the first pre-existing host system corresponding to the cordless device; and communicating the second type of data to its correct destination included in a second pre-existing host system, the second pre-existing host system without an active driver corresponding to the cordless device and without modifications to hardware of the second pre-existing host system corresponding to the cordless device.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### **Conclusion**

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung Q. Dang whose telephone number is (571) 272-3069. The examiner can normally be reached on 9:30AM-6PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Horabik can be reached on (571) 272-3068. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hung Dang  
9/23/2005

HD

MICHAEL HORABIK  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

